

FIG. 1

Sequence of the equine GM-CSF gene

1 ATG TGG CTG CAG AAC CTG CTT CTT CTG GGC ACT GTC GTT TAC AGC ATG CCC GCA CCC ACC
 TAC ACC GAC GTC TTG GAC GAA GAC CGG TGA CAC CAA ATG TGG TAC GGG CGT GGG TGG
 1► M W L Q N L L L G T V V Y S M P A P T

 61 CGC CAA CCC AGC CCT GTC ACT CGG CCC TGG CAG CAT GTG GAT GCC ATC AAG GAG GCC CTG
 CGG GTT GGG TCG GGA CAG TGA CGG ACC GTC GTC CAC CTA CGG TAG TTC CTC CGG GAC
 21► R Q P S P V T R P W Q H V D A I K E A L

 121 AGC CTT CTG AAC AAC AGT AGT GAC ACT GCT GCT ATC ATG AAT GAA ACA GTC GAA GTC GTC
 TCG GAA GAC TTG TTG TCA TCA CTG TGA CGA CGA TAG TAC TTA CTT TGT CAT CTT CAG CAG
 41► S L L N N S S D T A A I M N E T V E V V

 181 TCT GAA ACG TTT GAC CCC GAG GAG CTG ACA TGC CTG CAG ACT CGC CTG AAG CTG TAC AAA
 AGA CTT TGC AAA CTG CGG CTC CTC GAC TGT ACG GAC GTC TGA CGG GAC TTC GAC ATG TTT
 61► S E T F D A E E L T C L Q T R L K L Y K

 241 CAG GGC TTG CGG GGC AGC CTC ATC AAG CTC GAA CGC CCC TTG ACC ATG ATG GCC ACC CAC
 GTC CGG AAC, GCC CGG TCG GAG TAG TTC GAG CTT CGG CGG AAC TGG TAC TAC CGG TCG GTG
 81► Q G L R G S L I K L E G P L T M M A S H

 301 TAC AAG CAG CAC TGC CCC ACC CTG GAA ACT TCC TGT GCA ACC CAG ATG ATC ACC TTC
 ATG TTC GTC GTG ACG CGG GGG TGG GAC CTT TGA AGG ACA CGT TGG GTC TAC TAG TGG AAG
 101► Y K Q H C P P T L E T S C A T Q M I T F

 361 AAA AGT TTC AAA AAG AAC CTG AAG GAT TTT CTG TTT GAG ATC CGG TTT GAC TGC TGG AAG
 TTT TCA AAG TTT TTC TTG GAC TTC CTA AAA GAC AAA CTC TAG CGC AAA CTG ACG ACC TTC
 121► K S F K K N L K D F L F E I P F D C W K

 421 CCA GCC CAG AAG TAA
 GGT CGG GTC TTC ATT
 141► P A Q K

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FIG. 2

Restriction map of the plasmid pJP097

